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Substitute for form 1449/PTO					Complete if Known	10×1-4
	INFORMATION	DISC	LOSURE	Application Number	10/586,533	/ %
STATEMENT BY APPLICANT				Filing Date	02/08/2005	APR 0 6 2009
Date Submitted: April 6, 2009			6 2000	First Named Inventor	Hirofumi YASUDA	W. U.
			10, 2009	Art Unit	1793	13.
	(use as many shee	ets as	necessary)	Examiner Name	Cam N. NGUYEN	The second
Sheet	1	of	6	Attorney Docket Number	er 040302-0579	TRADE

		T	U.S. PATENT DO	COMENTO	
Examin er Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	A1	US-2001/0004832-A1	06-28-2001	HANAKI ET AL.	
	A2	US-2001/0006934-A1	07-05-2001	KACHI ET AL.	
	A3	US-2001/0021358-A1	09-13-2001	KIKUCHI ET AL.	
	A4	US-2002/0045543-A1	04-18-2002	TAKATORI ET AL.	
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	A12	US-2005/0215429-A1	09-29-2005	WAKAMATSU ET AL.	
	A13	US-2005/0221978-A1	10-06-2005	SHIRATORI ET AL.	-
	A14	US-2007/0153390-A1	07-05-2007	NAKAMURA ET AL.	
	A15	US-2007/0155626-A1	07-05-2007	YASUDA ET AL.	
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	A17	US-2007/0203021-A1	08-30-2007	NAKAMURA ET AL.	
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Examiner	Date	
Signature	Considered	

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	Substitute for fo	rm 144	19/PTO	С	complete if Known
	INFORMATION	DISCI	LOSURE	Application Number	10/586,533
	STATEMENT B	Y APF	PLICANT	Filing Date	02/08/2005
	Date Submitted: April 6, 2009			First Named Inventor	Hirofumi YASUDA
	Date Submitted	: Aprii	6, 2009	Art Unit	1793
	(use as many shee	ets as	necessary)	Examiner Name	Cam N. NGUYEN
Sheet	2	of	6	Attorney Docket Number	040302-0579

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	Document Number			
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Examiner	Date	
Signature	 Considered	

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	Substitute for fo	rm 1449/PTO	C	Complete if Known		
	INFORMATION	DISCLOSURE	Application Number	10/586,533		
	STATEMENT B	Y APPLICANT	Filing Date	02/08/2005		
	Data Submitted	. A:16 2000	First Named Inventor	Hirofumi YASUDA		
	Date Submitted	: April 6, 2009	Art Unit	1793		
	(use as many shee	ets as necessary)	Examiner Name	Cam N. NGUYEN		
Sheet	3	of 6	Attorney Docket Number	040302-0579		

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	Document Number							
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A84	US-6,589,901-B2	07-08-2003	YAMAMOTO ET AL.					
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A96	US-6,896,857-B2	05-24-2005	NAKAMURA ET AL.					
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A98	US-7,029,514-B1	04-18-2006	YANG ET AL.					
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UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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			FOREIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³⁻ Number ⁴⁻ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
	A101	JP-09-122492-A	05-13-1997	NISSAN MOTOR CO., LTD.		Abst.
	A102	JP-10-216517-A	08-18-1998	TOYOTA MOTOR CORP.		Abst.
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	A105	JP-2000-015098-A	01-18-2000	JAPAN SCIENCE & TECHNOLOGY CORP., ET AL.		Abst.

Examiner Signature	Date Considered	
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	Substitute for fo	rm 144	49/PTO	С	Complete if Known		
	INFORMATION	DISC	LOSURE	Application Number	10/586,533		
	STATEMENT B	Y APF	PLICANT	Filing Date	02/08/2005		
	Data Submitted	۰ ۸ مح:۱	6 2000	First Named Inventor	Hirofumi YASUDA		
	Date Submitted: April 6, 2009			Art Unit	1793		
	(use as many shee	ets as	necessary)	Examiner Name	Cam N. NGUYEN		
Sheet	4	of	6	Attorney Docket Number	040302-0579		

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	∵ Le
	A106	JP-2000-042411-A	02-15-2000	TOYOTA MOTOR CORP., ET AL.		Abst.
	A107	JP-2000-279824-A	10-10-2000	TANAKA PRECIOUS METAL IND., ET AL.		Abst.
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	A109	JP-2001-198466-A	07-24-2001	TOYOTA MOTOR CORP.		Abst.
	A110	JP-2002-102703-A	04-09-2002	TOYOTA MOTOR CORP.		Abst.
	A111	JP-2003-080077-A	03-18-2003	DENSO CORP., ET AL.		Abst.
	A112	JP-2003-181290-A	07-02-2003	TOYOTA MOTOR CORP.		Abst.
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	A119	JP-2004-267961-A	09-30-2004	TANAKA KIKINZOKU KOGYO KK		Abst.
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	A124	JP-3251009-B2	11-16-2001	TOYOTA CENTRAL RES & DEV LAB INC., ET AL.		Abst.
	A125	EP-0 466 984-A1	01-22-1992	UOP		
	A126	JP-56-010333-A	02-02-1981	TOYOTA MOTOR CORP.		Abst.
	A127	JP-58-186441-A	10-31-1983	ENGELHARD CORP.		
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	A132	WO-97/09114-A1	03-13-1997	INSTITUTIONEN FOR KEMITEKNIK KEMISK TEKNOLOGI KTH		

Examiner	Date	
Signature	Considered	

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	STATEMENT B	Y APF	PLICANT	Filing Date	02/08/2005	
	Date Submitted	· April	6 2000	First Named Inventor	Hirofumi YASUDA	
l .	Date Submitted	. April	0, 2009	Art Unit	1793	
	(use as many shee	ets as	necessary)	Examiner Name	Cam N. NGUYEN	
Sheet	5	of	6	Attorney Docket Number	040302-0579	

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume number(s), publisher, city and/or country where published.						
	A133	A. Martínez-Arias et al., "Study of the lean NOx reduction with C3H6 in the presence of water over silver/alumina catalysts prepared from inverse microemulsions," Applied Catalysts B: Environmental, Vol. 28, 2000, pages 29-41.					
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	A144	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 07-28-2008, 18 pgs.					
	A145	M. CHE et al., "A Study of the Chemisorption of Nitric Oxide on PdY Zeolite, Evidence for a Room Temperature Oxidative Dissolution of Pd Crystallities," The Journal of Physical Chemistry, Vol. 60, No. 21, 1976, 11 pgs.					

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Examiner	Date	
Signature	Considered	
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$\overline{}$	Substitute for fo	rm 14	49/PTO	Complete if Known		
	INFORMATION	DISC	LOSURE	Application Number	10/586,533	
	STATEMENT B	Y API	PLICANT	Filing Date	02/08/2005	
Date Submitted: April 6, 2009				First Named Inventor	Hirofumi YASUDA	
	Date Cabilities	. Apiii	0, 2009	Art Unit	1793	
(use as many sheets as necessary)			necessary)	Examiner Name	Cam N. NGUYEN	
Sheet	6	of	6	Attorney Docket Number	040302-0579	

		NON PATENT LITERATURE DOCUMENTS	_===1			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	A146	M. NAKAMURA et al., US PTO Office 10/589,890, dated 07-15-2008, 5 pgs.				
	A147	M. NAKAMURA et al., US PTO Office 10/589,890, dated 11-19-2008, 13 pgs.				
	A148	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 08-06-2008, 5 pgs.				
	A149	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 12-26-2008, 24 pgs.				
	A150	PH. BUFFAT AND J-P BOREL, "Size effect on the melting temperature of gold particles," Physical Review A, June 1976, Vol. 13, No. 6, 12 pgs.				
	A151	R. WILLIS, "PUMICE, Porous Volcanic Rock," Online, XP002364316, URL:http://ceramic-materials.com/cermat/material/2009.html>.				
	A152	S. ERIKSSON,et al., "Preparation of Catalysts from Microemulsions and Their Applications in Heterogeneous Catalysis," Applied Catalysis A: General, Vol. 265, No. 2, July 8, 2004, pp. 207-219.				
	A153	T. Kinoshita et al., "Magnetic evaluation of nanostructure of goldiron composite particles synthesized by a reverse micelle method," Journal of Alloys and Compounds, Vol. 359, No. 1-2, Sept. 22, 2003, pages 46-50.				
	A154	T. Shimizu et al., "Size Evolution of Alkanethiol-Protected Gold Nanoparticles by Heat Treatment in the Solid State", J. Phys. Chem. B, 107, 2003, pages 2719-2724.				
	A155	W.Y. Kim et al., "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion," Applied Catalysis A. General, Vol. 169, 1998, pages 157-164.				

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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